

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| -        | 92   | actuator with sleeve with spacer  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 11:28 |
| -        | 1810 | (axial linear upward downward) with<br>(Separator partition barrier division<br>dividing adj wall) with (Helical spiral<br>twirl twist wind coil helix)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 11:57 |
| -        | 352  | (axial linear upward downward) with<br>(Separator partition barrier division<br>dividing adj wall) with (Helical spiral<br>twirl twist wind coil helix) with (Sleeve<br>tube pipe cylinder canister casing)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 12:07 |
| -        | 15   | ((axial linear upward downward) with<br>(Separator partition barrier division<br>dividing adj wall) with (Helical spiral<br>twirl twist wind coil helix) with (Sleeve<br>tube pipe cylinder canister casing) )<br>and actuator  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 12:06 |
| -        | 5    | 74/\$.ccls. and (axial linear upward<br>downward) with (Separator partition<br>barrier division dividing adj wall) with<br>(Helical spiral twirl twist wind coil<br>helix) with (Sleeve tube pipe cylinder<br>canister casing)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 13:00 |
| -        | 1    | 192/\$.ccls. and (axial linear upward<br>downward) with (Separator partition<br>barrier division dividing adj wall) with<br>(Helical spiral twirl twist wind coil<br>helix) with (Sleeve tube pipe cylinder<br>canister casing) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 12:16 |
| -        | 8    | 384/\$.ccls. and (axial linear upward<br>downward) with (Separator partition<br>barrier division dividing adj wall) with<br>(Helical spiral twirl twist wind coil<br>helix)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 13:14 |
| -        | 2166 | 74/\$.ccls. and (Helical spiral twirl twist<br>wind coil helix) with (Sleeve tube pipe<br>cylinder canister casing)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 13:02 |
| -        | 322  | 74/\$.ccls. and (Helical spiral twirl twist<br>wind coil helix) with (Sleeve tube pipe<br>cylinder canister casing) with (axial)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 15:21 |
| -        | 96   | (74/\$.ccls. and (Helical spiral twirl<br>twist wind coil helix) with (Sleeve tube<br>pipe cylinder canister casing) with<br>(axial) ) and actuator   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 13:04 |
| -        | 34   | 74/\$.ccls. and (Helical spiral twirl twist<br>wind coil helix) with (Sleeve tube pipe<br>cylinder canister casing) with (axial)<br>with rotate   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 13:18 |
| -        | 6    | concentric with cylinder with (Helical<br>spiral twirl twist wind coil helix) with<br>actuator  | USPAT                                       | 2003/06/18 16:15 |
| -        | 10   | roller adj cam with (linear axial) with<br>actuator   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:17 |
| -        | 1    | roller adj cam with (Helical spiral twirl<br>twist wind coil helix) with actuator   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:18 |
| -        | 37   | roller with cam with (Helical spiral twirl<br>twist wind coil helix) with actuator  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:22 |

|   |     |  |   |                  |
|---|-----|--|---|------------------|
| - | 655 | cam with (Helical spiral twirl twist wind coil helix) with actuator                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:31 |
| - | 774 | cam with (Helical spiral twirl coil helix) with sleeve                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:23 |
| - | 9   | cam with (Helical spiral twirl coil helix) with sleeve with concentric               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:25 |
| - | 29  | cam with (Helical spiral twirl coil helix) with sleeve with actuator                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:29 |
| - | 40  | cam with (Helical spiral twirl coil helix) with sleeve with balls                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:30 |
| - | 290 | cam with (Helical spiral twirl twist helix) with actuator                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:32 |
| - | 19  | cam with (Helical spiral twirl twist helix) with actuator with sleeve                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:36 |
| - | 76  | cam with (Helical spiral twirl twist helix) with cylindrical with sleeve             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:46 |
| - | 1   | cam with (Helical spiral twirl twist helix) with (cylindrical sleeve) with separator | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:48 |
| - | 4   | cam with (Helical spiral twirl twist helix) with (cylindrical sleeve) with spacer    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:49 |
| - | 77  | cam with between with sleeve with helical  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/06/18 16:51 |